OneNASA Naming Rules

As of 2002.10.24
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edited by Chuck Carpenter (10/30/02)

The name is extracted from the dn: and sn: attributes of the center's LDIF file. The following process occurs:

- The "cn=" field of the dn: attribute is parsed into words using the space character as the delimiter.
- The given name is assumed to be the first word.
- The initials or middle name (first letter only) is assumed to be the second word.
- The Surname is assumed to be the third word
- The trailer is what-ever remains.

The sn: attribute is used to resolve the Surname and initials/middle name. The resolution rules are somewhat complex, so some examples might be useful.

> dn: cn=Able Baker, ou=…
> sn: Baker

The cn is parsed and the result is:

> Given Name: Able
> Middle Name: Baker
> Surname:
> Trailer:

Using the sn attribute, this is resolved to:

> Given Name: Able
> Middle Name:
> Surname: Baker
> Trailer:

If there is no middle initial or middle name, the Left-Hand-Side of the OneNASA address ALWAYS has a dash number. So if "Able Baker" has never before appeared as a name, the resulting OneNASA address would be:

> Able.Baker-1@nasa.gov

If that name had appeared previously, then the dash-number would be incremented until a unique OneNASA address is generated.

Similarly, if the dn and sn were:

> dn: cn=Able Baker Charlie, ou=…
> sn: Charlie

The cn is parsed as:

> Given Name: Able
> Middle Name: Baker

Surname: Charlie
Trailer:
```
Resolving with the sn attribute:
```
Given Name: Able
Middle Name: Baker
Surname: Charlie
Trailer:
```
If there is a middle initial or middle name (only the first letter of
the middle name is used), the Left-Hand-Side of the OneNASA address does
not by default have a dash number unless one is needed for uniqueness.
So for this case (assuming this is the first time this name occurred),
the resulting OneNASA address would be:
```
Able.B.Charlie@nasa.gov

```
If the dn and sn were:
```
dn: cn=Able Baker Charlie Delta, ou=...
sn: Charlie Delta
```
The cn is parsed as:
```
Given Name: Able
Middle Name: Baker
Surname: Charlie
Trailer: Delta
```
Resolving with the sn attribute:
```
Given Name: Able
Middle Name: Baker
Surname: Charlie Delta
Trailer:
```
And the resulting OneNASA address (assuming no prior occurrences of the
same name)
```
Able.B.Charliedelta@nasa.gov

```
On the other hand if the dn and sn attributes were:
```
dn: cn=Able Baker Charlie Delta, ou=...
sn: Delta
```
The cn is parsed as:
```
Given Name: Able
Middle Name: Baker
Surname: Charlie
Trailer: Delta
```
Resolving with the sn attribute:
```
Given Name: Able
Middle Name: Baker Charlie
Surname: Delta
Trailer:

And the resulting OneNASA address (assuming no prior occurrences of the same name)

Able.B.Delta@nasa.gov

Similarly, if the dn and sn attributes were:

dn: cn=Able Baker Charlie-Delta, ou=...
sn: Charlie-Delta

The cn is parsed as:

Given Name: Able
Middle Name: Baker
Surname: Charlie-Delta
Trailer:

Resolving with the sn attribute:

Given Name: Able
Middle Name: Baker
Surname: Charlie-Delta
Trailer:

And the resulting OneNASA address (assuming no prior occurrences of the same name)

Able.B.Charlie-Delta@nasa.gov

In each of the previous cases where a middle name or middle initial exists, the OneNASA Address would have a dash number to ensure uniqueness if the name previously occurred.
So the second occurrence of "Able Baker Charlie-Delta" would be "Able.B.Charlie-Delta-1@nasa.gov", the third occurrence would be "Able.B.Charlie-Delta-2@nasa.gov" and so forth.

One additional twist on things occurs if the name as it appears in the dn contains a "terminal" such as "Jr." "Sr." "II" "III" "IV" "V" "Ph.D." or "MD" Those terminals are stripped from the name before the OneNASA address is generated. So assume for the moment you have the following:

dn: cn=Able Baker Charlie-Delta III MD, ou=...
sn: Charlie-Delta

The cn is parsed as:

Given Name: Able
Middle Name: Baker
Surname: Charlie-Delta
Trailer:

Resolving with the sn attribute:

Given Name: Able
Middle Name: Baker

Surname: Charlie-Delta
Trailer:

And the resulting OneNASA address (assuming no prior occurrences of the same name) is still

Able.B.Charlie-Delta@nasa.gov